

Date: Sat, 9 Oct 93 04:30:14 PDT
From: Ham-Equip Mailing List and Newsgroup <ham-equip@ucsd.edu>
Errors-To: Ham-Equip-Errors@UCSD.Edu
Reply-To: Ham-Equip@UCSD.Edu
Precedence: Bulk
Subject: Ham-Equip Digest V93 #67
To: Ham-Equip

Ham-Equip Digest Sat, 9 Oct 93 Volume 93 : Issue 67

Today's Topics:

 Equipment for VHF/UHF work
 How do I re-crystal this radio? (2 msgs)
 Old Callbooks??
 Pyramid power supply current limit question (3 msgs)

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Fri, 8 Oct 1993 16:48:35 GMT
From: mvb.saic.com!unogate!news.service.uci.edu!usc!howland.reston.ans.net!
usenet.ins.cwru.edu!magnus.acs.ohio-state.edu!csn!teal.csn.org!
dfeldman@network.ucsd.edu
Subject: Equipment for VHF/UHF work
To: ham-equip@ucsd.edu

In article <CEFKDL.BnI@cbnewsh.cb.att.com> wa2sff@cbnewsh.cb.att.com
(joseph.e.wilkes) writes:

>I want to get on 2m-23cm with CW, SSB and FM.
>I want to use the radio for terrestrial work and for satellite work.
>
>If I go with option 2, which radio is best?
>
>I like the Yasau 736 since it covers 144/222/432/1296 in one box.

But you should really try one before you buy; there are a few (in my
opinion) bad shortcomings in the controls engineering; the worst being
any way of moving a memory contents to a VFO --- you can write and swap

memory, but you can't read memory to VFO (someone correct me if I'm wrong because this non-feature has driven me nuts since I bought the thing). Also my unit (this also may have changed) has a fast-attack slow-decay SWR foldback mechanism so if I directly tie it to a self-switching brick and run CW or FM, it takes about 5 seconds to come up to full power. Also (gripe, gripe, gripe) if you switch from SSB to CW to make a very weak contact, the receive frequency shifts enough to confuse things (me). Still it's very neat to have a rig with these bands that has most of the features you'd expect in a regular HF box.

P.S., for most of the time I use a R4C/T4XC with 6, 2 and 432 transverters and lots of neat tubes -- it's just more comfortable for me.

Have fun... 73 Dave WB0GAZ dfeldman@teal.csn.org

Date: 8 Oct 93 12:29:43 GMT
From: ogicse!uwm.edu!linac!att!att-out!cbnewsh!wa2sff@network.ucsd.edu
Subject: How do I re-crystal this radio?
To: ham-equip@ucsd.edu

In article <CEJCxI.MqK@boi.hp.com>, riyadth@boi.hp.com (Riyadth Al-Kazily) writes:

> [Newbie alert!]

>

> Hello,

>

> Having just obtained my license, I'm trying to get on the air (while
> maintaining my reputation for being cheap :-). A friend has loaned me an
> old Kenwood TR-2200A 2m FM 'portable', and I would like to get some
> crystals to make it more useful in this area (Boise, ID) -- he hasn't used
> the radio much since he moved from Missouri.

>

> I would like to know if such crystals are available, and from where.

Try Jan Crystals in Florida. They have an 800 number that I don't have handy; call 800 information (1-800-555-1212) for their number.

> Is there a special type of crystal that should be used, or will the seller
> know from the radio model number? Also, when I install these crystals

Jan will recognize the radio type and send the right crystals for your radio you do need to tell them what frequency you want to receive.

Don't forget most repeaters are +600 or -600 from the frequency you receive on

so you need diferent transmit and receive frequencies.

i.e., 146.940 MHz receive, 146.340 MHz transmit

Some repeaters have odd ball splits; check with your local hams before you order.

> do I need to adjust the little trimmer next to the socket I put the crystal
> in? How do I do this (what tools are needed, aside from a screwdriver)?
> I do not have the owners manual, or any other documentation.
>

Yes you do. For the transmitter you will need a frequency counter to get it on frequency. For the receiver trimmer (if there is one) just adjust it until the received signal is the clearest.

> Hopefully I'll get something a little more modern at the end of this
> month during our local annual swap meet :-) Meanwhile, I still have to
> make a first contact...

IMPORTANT NOTE: Your radio is about 15 years old, maybe older. When FM repeaters first started in the late 60s, the repeater spacing was 60 KHz. (146.94 was OK, 146.91 was not OK). Over the years, the spacing was reduced to 30 KHz and then 15 Khz (20 in some parts of the country). Your radio is old enough that it may have a wide band IF filter at 455 KHz. If that is true you will have to replace the filter with one appropriate for 15 KHz channels. The filter is made by Murata (now Murata Eire) and can be replaced. The filter should have the number 455 and a letter after it. An E or F filter needs to be replaced. I don't have a catalog handy but I think a D filter is OK.

Good Luck

>
> Thanks very much.

You are Welcome.

>
> --
> { Riyadhth Al-Kazily KB7YWE DoD #295 '83 BMW R65 '77 Volvo 242DL }
> { riyadth@boi.hp.com | When am i going to have time to use all this }

> { (208) 396-4987 | stuff I'm collecting? More important, how can }
> { Boise, Idaho | I get more stuff? Amiga 500+ (+ stuff, that is) }

Joe Wilkes
908-949-1601
WA2SFF
j.e.wilkes@att.com

Date: Fri, 8 Oct 1993 23:35:59 GMT
From: olivea!spool.mu.edu!howland.reston.ans.net!sol.ctr.columbia.edu!
news.kei.com!yeshua.marcam.com!zip.eecs.umich.edu!umn.edu!csus.edu!netcom.com!
wa2ise@decwrl.dec.com
Subject: How do I re-crystal this radio?
To: ham-equip@ucsd.edu

In article <CEKw1M.7ou@cbnewsh.cb.att.com> wa2sff@cbnewsh.cb.att.com
(joseph.e.wilkes) writes:
>In article <CEJCxI.MqK@boi.hp.com>, riyadh@boi.hp.com (Riyadh Al-Kazily)
writes:
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>should have the number 455 and a letter after it. An E or F filter
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>a D filter is OK.

This should only be an issue in a large city like New York City or LA.
Boise is probably small enough that the repeaters have enough spacing
that a radio with wide filtering should be okay. Check with local hams
to see what spacing exists in your area.

Date: Fri, 8 Oct 1993 15:22:49 GMT

From: haven.umd.edu!darwin.sura.net!udel!gvls1!rossi@uunet.uu.net
Subject: Old Callbooks??
To: ham-equip@ucsd.edu

In article <1993Oct7.200511.3521@galileo.cc.rochester.edu>
dnlg_ltd@uhura.cc.rochester.edu (Zaphod Beeblebrox) writes:

>Hello All,
> I'm not sure if this is the right newsgroup to post this to, but it
>seems the most appropriate of the choices I have here. My question is this:
>What are good prices for old callbooks? Specifically those from the 1960's
>and 1970's. I'm interested in buying/selling some of them soon, but I'd like
>to know what to offer/ask for them.

What is it with all the interest I keep reading about old callbooks?

Seems to me they are about as useful as old telephone books...
... unless there is some pure "collector value" to them. If so, I have
two from the late 60's in my attic -- in a box somewhere. Let's start the
bidding at \$100 each. Hey, I can dream, can't I? ;-)

=====
Pete Rossi - WA3NNA rossi@vfl.paramax.COM

Unisys Corporation - Government Systems Group
Valley Forge Engineering Center - Paoli, Pennsylvania
=====

Date: Thu, 7 Oct 1993 19:23:55 GMT
From: swrinde!sdd.hp.com!hpscit.sc.hp.com!hplextra!news.dtc.hp.com!col.hp.com!
fc.hp.com!perry@network.ucsd.edu
Subject: Pyramid power supply current limit question
To: ham-equip@ucsd.edu

peter@physc1.byu.edu wrote:
: Recently someone (Gary, KE4ZV?) indicated that the Astron power supplies
: won't continuously supply the advertised current (i.e., 35A supply will
: only supply 28A or so).

Astron advertises 20A ICAS or 16A CCS on their 20 amp supply. Dunno what
they say about their 35A supply.

: I have a Pyramid Phase III supply (by Tenna)
: that supposedly will supply 20A but at about 11A the voltage starts
: dropping. Is this normal for this supply or would this be a symptom of
: the current limiting pot being set incorrectly? Would I be pushing

: the supply too much of I tried to adjust the current limit up to the
: rated 20A?

Someone at the factory set the current limit at 11A for a reason. I
suspect 20A is the ICAS and 11A is CCS.

Perry Scott
AA0ET

Date: 6 Oct 93 17:21:40 -0600
From: dog.ee.lbl.gov!agate!howland.reston.ans.net!sol.ctr.columbia.edu!
hamblin.math.byu.edu!yvax.byu.edu!physc1.byu.edu!peterson@network.ucsd.edu
Subject: Pyramid power supply current limit question
To: ham-equip@ucsd.edu

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the supply too much of I tried to adjust the current limit up to the
rated 20A?

Thanks for any pointers.

Bryan Peterson, kb7tew
peterson@physc1.byu.edu

Date: Fri, 08 Oct 93 15:53:18 GMT
From: netcon!bongo!skyld!jangus@locus.ucla.edu
Subject: Pyramid power supply current limit question
To: ham-equip@ucsd.edu

In article <CEJKJv.5D4@fc.hp.com> perry@fc.hp.com writes:

> Someone at the factory set the current limit at 11A for a reason. I
> suspect 20A is the ICAS and 11A is CCS.

Shouldn't current limit at 11 Amps though if the supply is "rated" at 20
amps. Intermittant is just not, not unobtainable.

Amateur: WA6FWI@WA6FWI.#SOCA.CA.USA.NA		"It is difficult to imagine our
Internet: jangus@skyld.tele.com		universe run by a single omni-
US Mail: PO Box 4425 Carson, CA 90749		potent god. I see it more as a
Phone: 1 (310) 324-6080		badly run corporation."

End of Ham-Equip Digest V93 #67
